



[> home](#) [> about](#) [> feedback](#) [> login](#)
US Patent & Trademark Office

Search Results

Search Results for: [lease <PARAGRAPH> expir* <PARAGRAPH> time
<PARAGRAPH> object]

Found 12 of 109,066 searched. → Rerun within the Portal

Search within Results



[> Advanced Search](#) [> Search Help/Tips](#)


Sort by: [Title](#) [Publication](#) [Publication Date](#) [Score](#) [Binder](#)

Results 1 - 12 of 12 [short listing](#)

- 1** Engineering web cache consistency 100%
 Jian Yin , Lorenzo Alvisi , Mike Dahlin , Arun Iyengar
 ACM Transactions on Internet Technology (TOIT) August 2002
 Volume 2 Issue 3
 Server-driven consistency protocols can reduce read latency and improve data freshness for a given network and server overhead, compared to the traditional consistency protocols that rely on client polling. Server-driven consistency protocols appear particularly attractive for large-scale dynamic Web workloads because dynamically generated data can change rapidly and unpredictably. However, there have been few reports on engineering server-driven consistency for such workloads. This article repo ...
- 2** Challenges: Challenge:: recombinant computing and the 100%
 speakeasy approach
 W. Keith Edwards , Mark W. Newman , Jana Sedivy , Shahram Izadi
 Proceedings of the eighth annual international conference on Mobile computing and networking September 2002
 Interoperability among a group of devices, applications, and services is typically predicated on those entities having some degree of prior knowledge of each another. In general, they must be written to understand the type of thing with which they will interact, including the details of communication as well as semantic knowledge such as when and how to communicate. This

paper presents a case for "recombinant computing" -- a set of common interaction patterns that leverage mobile code to allow r


...

- 3** Performance: Cooperative leases: scalable consistency 100%
 maintenance in content distribution networks

Anoop Ninan , Purushottam Kulkarni , Prashant Shenoy , Krithi Ramamritham , Renu Tewari

Proceedings of the eleventh international conference on World Wide Web May 2002

In this paper, we argue that cache consistency mechanisms designed for stand-alone proxies do not scale to the large number of proxies in a content distribution network and are not flexible enough to allow consistency guarantees to be tailored to object needs. To meet the twin challenges of scalability and flexibility, we introduce the notion of cooperative consistency along with a mechanism, called *cooperative leases*, to achieve it. By supporting &Dgr;-consistency semantics and by using ...

- 4** Engineering component-based net-centric systems for 100%
 embedded applications


Jens H. Jahnke

ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering September 2001

Volume 26 Issue 5

The omnipresence of the Internet and the World Wide Web (Web) via phone lines, cable-TV, power lines, and wireless RF devices has created an inexpensive media for telemonitoring and remotely controlling distributed electronic appliances. The great variety of potential benefits of aggregating and connecting embedded systems over the Internet is matched by the currently unsolved problem of how to design, test, maintain, and evolve such heterogeneous, collaborative systems. Recently, component-orie






...


- 5** Adaptive push-pull: disseminating dynamic web data 100%
 Pavan Deolasee , Amol Katkar , Ankur Panchbudhe , Krithi

Ramamritham , Prashant Shenoy


Proceedings of the tenth international conference on World Wide Web April 2001

- 6** Engineering server-driven consistency for large scale dynamic 100%

-  **Web services**
Jian Yin , Lorenzo Alvisi , Mike Dahlin , Arun Iyengar
Proceedings of the tenth international conference on World Wide Web April 2001
- 7** **PRO-MOTION: management of mobile transactions** 100%
 Gary D. Walborn , Panos K. Chrysanthis
Proceedings of the 1997 ACM symposium on Applied computing April 1997
- 8** **Consortium: a framework for transactions in collaborative environments** 100%
 Vram Kouramajian , Ross Dargahi , Jerry Fowler , Donald Baker
Proceedings of the fourth international conference on Information and knowledge management December 1995
- 9** **A coherent distributed file cache with directory write-behind** 100%
 Timothy Mann , Andrew Birrell , Andy Hisgen , Charles Jerian , Garret Swart
ACM Transactions on Computer Systems (TOCS) May 1994
Volume 12 Issue 2
Extensive caching is a key feature of the Echo distributed file system. Echo client machines maintain coherent caches of file and directory data and properties, with write-behind (delayed write-back) of all cached information. Echo specifies ordering constraints on this write-behind, enabling applications to store and maintain consistent data structures in the file system even when crashes or network faults prevent some writes from being completed. In this paper we describe ...
- 10** **Disconnected operation in the Coda File System** 100%
 James J. Kistler , M. Satyanarayanan
ACM Transactions on Computer Systems (TOCS) February 1992
Volume 10 Issue 1
Disconnected operation is a mode of operation that enables a client to continue accessing critical data during temporary failures of a shared data repository. An important, though not exclusive, application of disconnected operation is in supporting portable computers. In this paper, we show that disconnected operation is feasible, efficient and usable by describing its design and implementation in the Coda File System. The central idea behind our work is that cachi ...
- 11** **Disconnected operation in the Coda file system** 100%

 James J. Kistler , M. Satyanarayanan
ACM SIGOPS Operating Systems Review , Proceedings of the
thirteenth ACM symposium on Operating systems principles
September 1991
Volume 25 Issue 5

12 Practical uses of synchronized clocks in distributed systems 100%

 Barbara Liskov
Proceedings of the tenth annual ACM symposium on Principles of
distributed computing July 1991

Results 1 - 12 of 12 short listing

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.



[> home](#) [> about](#) [> feedback](#) [> login](#)
US Patent & Trademark Office

Search Results

Search Results for: [generat* <PARAGRAPH> lease <PARAGRAPH> duration
<PARAGRAPH> object]

Found 1 of 109,066 searched. → Rerun within the Portal

Search within Results



[> Advanced Search](#) [> Search Help/Tips](#)

Sort by: **Title** **Publication** **Publication Date** **Score** **Binder**

Results 1 - 1 of 1 **short listing**

1 Performance: Cooperative leases: scalable consistency 100%

maintenance in content distribution networks

Anoop Ninan , Purushottam Kulkarni , Prashant Shenoy , Krithi
Ramamritham , Renu Tewari

Proceedings of the eleventh international conference on World Wide
Web May 2002

In this paper, we argue that cache consistency mechanisms
designed for stand-alone proxies do not scale to the large number
of proxies in a content distribution network and are not flexible
enough to allow consistency guarantees to be tailored to object
needs. To meet the twin challenges of scalability and flexibility, we
introduce the notion of cooperative consistency along with a
mechanism, called *cooperative leases*, to achieve it. By supporting
&Dgr;-consistency semantics and by using ...

Results 1 - 1 of 1 **short listing**

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003
ACM, Inc.



[> home](#) [> about](#) [> feedback](#) [> login](#)
US Patent & Trademark Office

Search Results

Search Results for: [lease <PARAGRAPH> expirat* <PARAGRAPH> object]
Found 5 of 109,066 searched. → Rerun within the Portal

Search within Results



[> Advanced Search](#) [> Search Help/Tips](#)

Sort by: **Title** **Publication** **Publication Date** **Score** **Binder**

Results 1 - 5 of 5 **short listing**

1 Engineering web cache consistency 100%

Jian Yin , Lorenzo Alvisi , Mike Dahlin , Arun Iyengar
ACM Transactions on Internet Technology (TOIT) August 2002
Volume 2 Issue 3


Server-driven consistency protocols can reduce read latency and improve data freshness for a given network and server overhead, compared to the traditional consistency protocols that rely on client polling. Server-driven consistency protocols appear particularly attractive for large-scale dynamic Web workloads because dynamically generated data can change rapidly and unpredictably. However, there have been few reports on engineering server-driven consistency for such workloads. This article repo ...

2 Performance: Cooperative leases: scalable consistency 100%

maintenance in content distribution networks
Anoop Ninan , Purushottam Kulkarni , Prashant Shenoy , Krithi Ramamritham , Renu Tewari
Proceedings of the eleventh international conference on World Wide Web May 2002

In this paper, we argue that cache consistency mechanisms designed for stand-alone proxies do not scale to the large number of proxies in a content distribution network and are not flexible enough to allow consistency guarantees to be tailored to object needs. To meet the twin challenges of scalability and flexibility, we introduce the notion of cooperative consistency along with a mechanism, called *cooperative leases*, to achieve it. By supporting &Dar:-consistency semantics and by using ...

3 Engineering server-driven consistency for large scale dynamic 100%


 Web services

Jian Yin , Lorenzo Alvisi , Mike Dahlin , Arun Iyengar

Proceedings of the tenth international conference on World Wide Web

April 2001

4 PRO-MOTION: management of mobile transactions 100%

 Gary D. Walborn , Panos K. Chrysanthis

Proceedings of the 1997 ACM symposium on Applied computing April

1997

5 Practical uses of synchronized clocks in distributed systems 100%

 Barbara Liskov

Proceedings of the tenth annual ACM symposium on Principles of distributed computing July 1991

Results 1 - 5 of 5 short listing

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
(distribut\$ near2 file\$2) same (expir\$ near2 (period\$ or time or date))	4

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L1

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Thursday, May 08, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

DB=USPT; PLUR=YES; OP=OR

L1 (distribut\$ near2 file\$2) same (expir\$ near2 (period\$ or time or date))**Hit Count Set Name**

result set

4 L1

END OF SEARCH HISTORY

WEST

Generate Collection

Print

Search Results - Record(s) 1 through 4 of 4 returned.☐ 1. Document ID: US 6389420 B1

L1: Entry 1 of 4

File: USPT

May 14, 2002

US-PAT-NO: 6389420

DOCUMENT-IDENTIFIER: US 6389420 B1

**** See image for Certificate of Correction ****

TITLE: File manager providing distributed locking and metadata management for shared data access by clients relinquishing locks after time period expiration

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 2. Document ID: US 5708709 A

L1: Entry 2 of 4

File: USPT

Jan 13, 1998

US-PAT-NO: 5708709

DOCUMENT-IDENTIFIER: US 5708709 A

TITLE: System and method for managing try-and-buy usage of application programs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 3. Document ID: US 5530905 A

L1: Entry 3 of 4

File: USPT

Jun 25, 1996

US-PAT-NO: 5530905

DOCUMENT-IDENTIFIER: US 5530905 A

TITLE: Temporary state preservation for a distributed file service which purges virtual circuit control information after expiration of time limit of inactivity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 4. Document ID: US 4914586 A

L1: Entry 4 of 4

File: USPT

Apr 3, 1990

US-PAT-NO: 4914586

DOCUMENT-IDENTIFIER: US 4914586 A

TITLE: Garbage collector for hypermedia systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

Terms	Documents
(distribut\$ near2 file\$2) same (expir\$ near2 (period\$ or time or date))	4

Display Format:[Previous Page](#)[Next Page](#)